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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/538,739	11/09/2005	Yasuhiro Okamoto	029437-0108	7288
22428	7590	01/12/2009	EXAMINER	
FOLEY AND LARDNER LLP			SALERNO, SARAH KATE	
SUITE 500				
3000 K STREET NW			ART UNIT	PAPER NUMBER
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			01/12/2009	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**ADVISORY ACTION (continuation of page 1)**

The request for reconsideration has been considered but the amendment will not be entered for the following reasons:

New issues corresponding to new claim limitations ("formed by a channel layer and an electron supply layer") in claims 1, 8, 9, 10, 12 and 19 have been added that would require further consideration and/or search.

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sarah K. Harding whose telephone number is (571) 270-1266. The examiner can normally be reached on M-R 7:30-5:00pm every other F 7:30-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on (571) 272-1705. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/SARAH K SALERNO/  
Examiner, Art Unit 2814

/Theresa T. Doan/  
Primary Examiner, Art Unit 2814